

**METHODS, COMPUTER SYSTEMS, AND COMPUTER READABLE MEDIA
FOR GENERATING DISPLAYS OF NETWORKING ADDRESSES**

ABSTRACT

5 Methods, computer systems, and computer readable media generate displays of
networking addresses. The display may provide a map containing individually selectable
grid spaces representing networking addresses of a set. The networking addresses of the
set have at least one attribute and the value of the attribute is indicated in the display.
The value of the attribute may be indicated by a color for the networking addresses of the
10 set having the attribute. Furthermore, the networking addresses of a block may be
represented by rectangles defining the blocks within the display. Additionally, the
display may provide utilization of the networking addresses through pie charts where the
size of each pie piece represents the relative number of networking addresses with that
particular indicated attribute value. The display may provide additional features as well,
15 such as the ability to zoom in and out and select areas within the displayed map.
Furthermore, the hierarchy of the networking address space may be represented in a tree
structure that can be expanded and collapsed to show relationships between the various
networks and to allow for selection of a network to map within the map display.